Department of Computer-Science Engineering LNCT&S Bhopal

NEWS FEBRUARY 2023

Expert Lectures

The Department of Computer Science of LNCTS & IIC has conducted the expert lecture, dated 17th February 2023, on the Topic "***Backhaul of 5G Mobile Technology***". The expert "Er. Amit Khare", Sub-division Engineer, BSNL, Bhopal, has facilitated the student by introducing the infrastructure of the upcoming technology. He elaborated that the backhaul refers to the network infrastructure that connects the base station (also known as the cell site) to the core network. In the case of 5G mobile technology, backhaul plays a critical role in delivering the high-speed data transfer and low-latency performance that 5G promises.

The speaker elaborated that, one of the key technologies used for 5G backhaul is fiber-optic cables. Fiber-optic cables offer much higher data transfer rates and lower latency compared to traditional copper cables or wireless links. However, deploying fiber-optic cables can be expensive and time-consuming, particularly in rural areas or densely populated urban areas.

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The Department of Computer Science (LNCT&S) in collaboration with IIC has organized an expert talk on "Prototype Developed and Linkage with Innovation Ambassador". Dr. (Mrs.) Bhawana Pillai, HoD CSE, LNCTS & Innovation Ambassador talked about prototype development and the ways one can take into consideration viz. Potential risks, Chances for Scalability and various Repository Platforms which are needed to scale a business.

The students were highly satisfied with the session as they gained a lot of information regarding the Prototyping and Business Plan. More that 64 students from various streams attended the session.

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Painting Competition

A Painting Competition on the theme 'Green Development, Climate Change, Lifestyle for Environment, Technological Transformation' was organized on 27feb, 2023 by Lakshmi Narain College of Technology and Science, Bhopal under IIC and G-20 Activity for dissemination of information about the significance of India's G20 Presidency. In the event around 20 Diploma polytechnic and Degree, BTech students participated and the winners were felicitated with certificates. While addressing the felicitation ceremony, Dr. AmitbodhUppadhyay, President IIC, Dr. Ashish Khare, Vice President IIC Dr. Bhawana Pillai, IIC Convener and HOD Computer Science &Engg. Dr Sunil Phulre HOD CSE AIML and Dr Neetesh Kumar Gupta HOD Cyber Security explained the fact that helps in education and society. Dr AmitbodhUppadhyay President IIC, further added that societies and educational institution work for events like these .. are organized for the youth to aware with the importance of education and innovation towards the environment.

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Incubation Cell Visit

The students of CSE IV Semester visited a startup incubation center on 28th February 2023, providing guidance and mentorship to budding entrepreneurs. The visit was organized by the Department of Computer Science (LNCT&S) to offer support and networking opportunities to its students.

The students who participated in the visit expressed their gratitude for the opportunity to meet and learn from the experts. They highlighted the value of receiving feedback and guidance from seasoned professionals and how it helped them gain a better understanding of their business models and target markets.

The incubation centre's management team said that they were pleased with the outcome of the visit and plan to organize similar events in the future. "Our goal is to create an ecosystem that nurtures innovation and supports entrepreneurship".